

FIG. 1

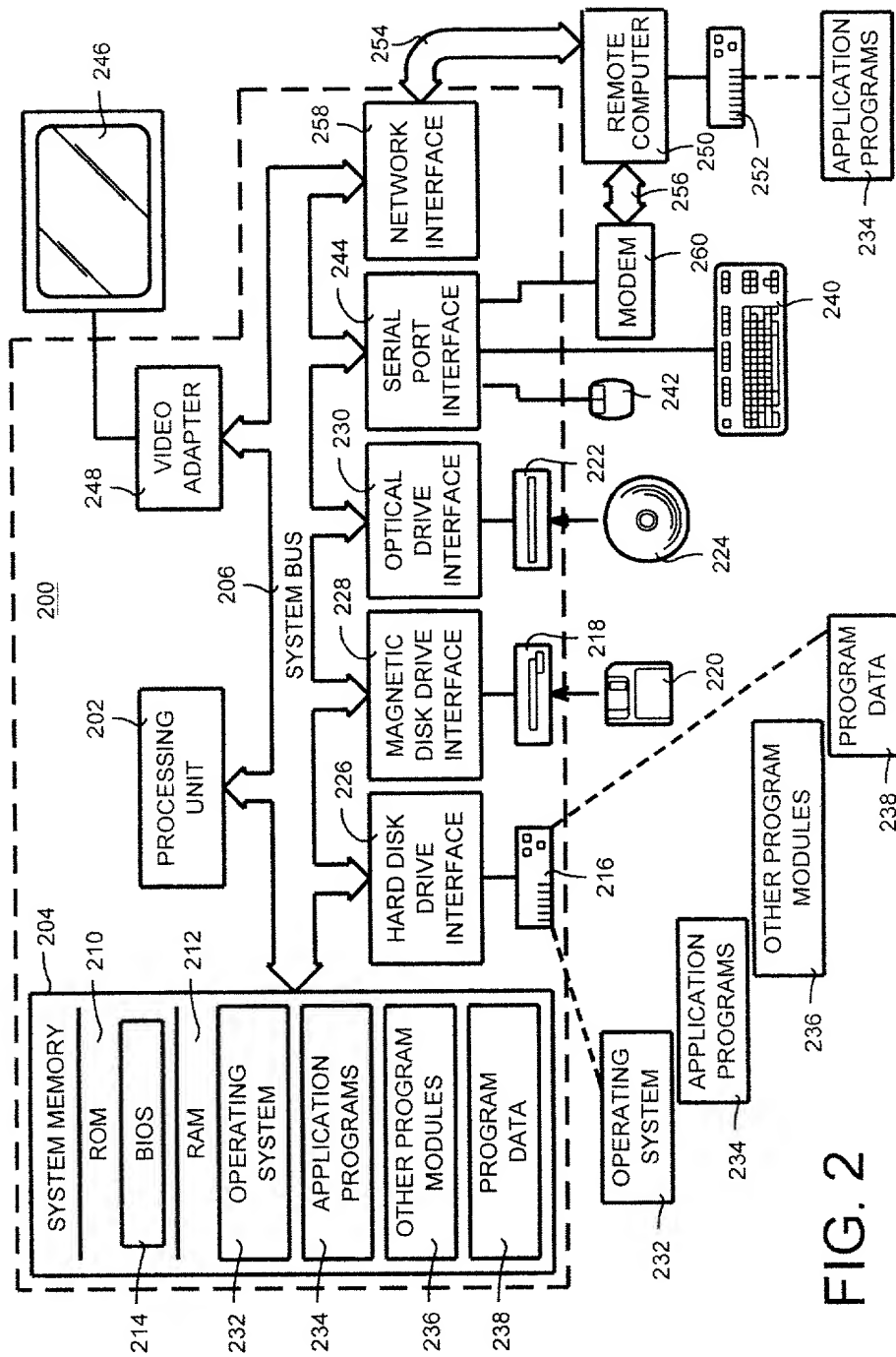
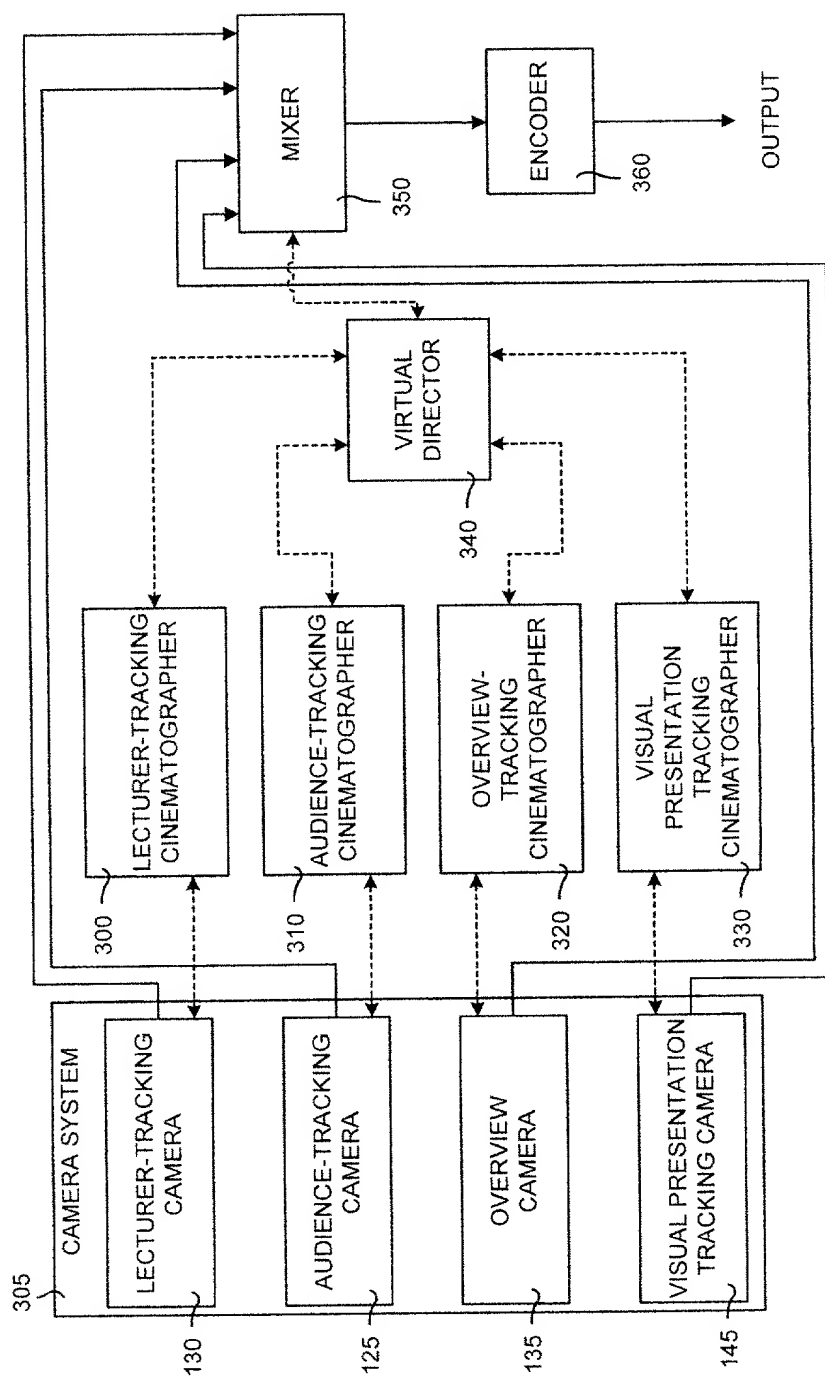


FIG. 2



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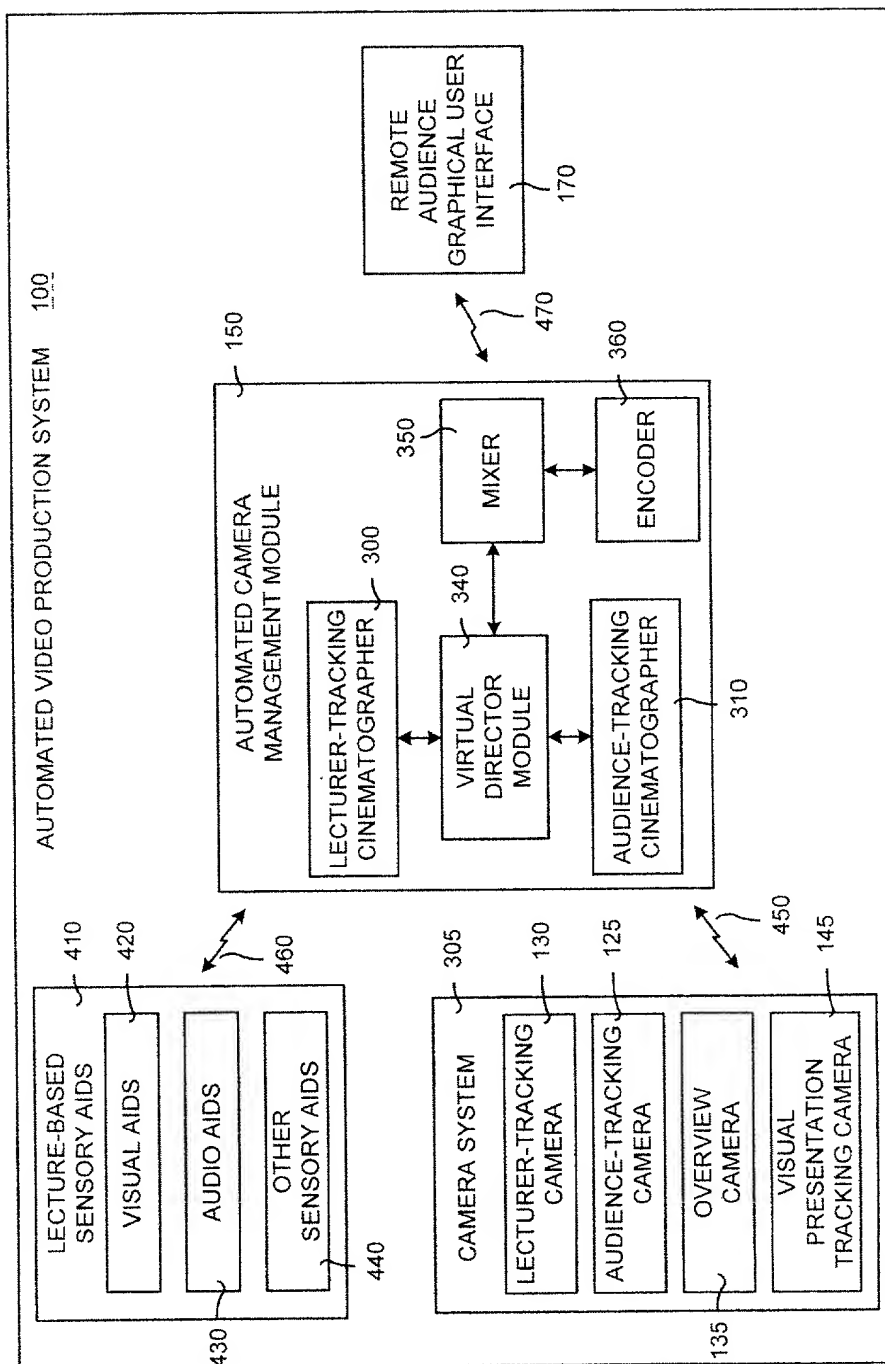


FIG. 4

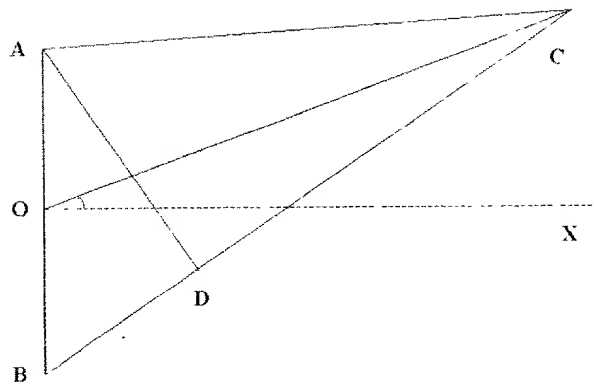


FIG. 5

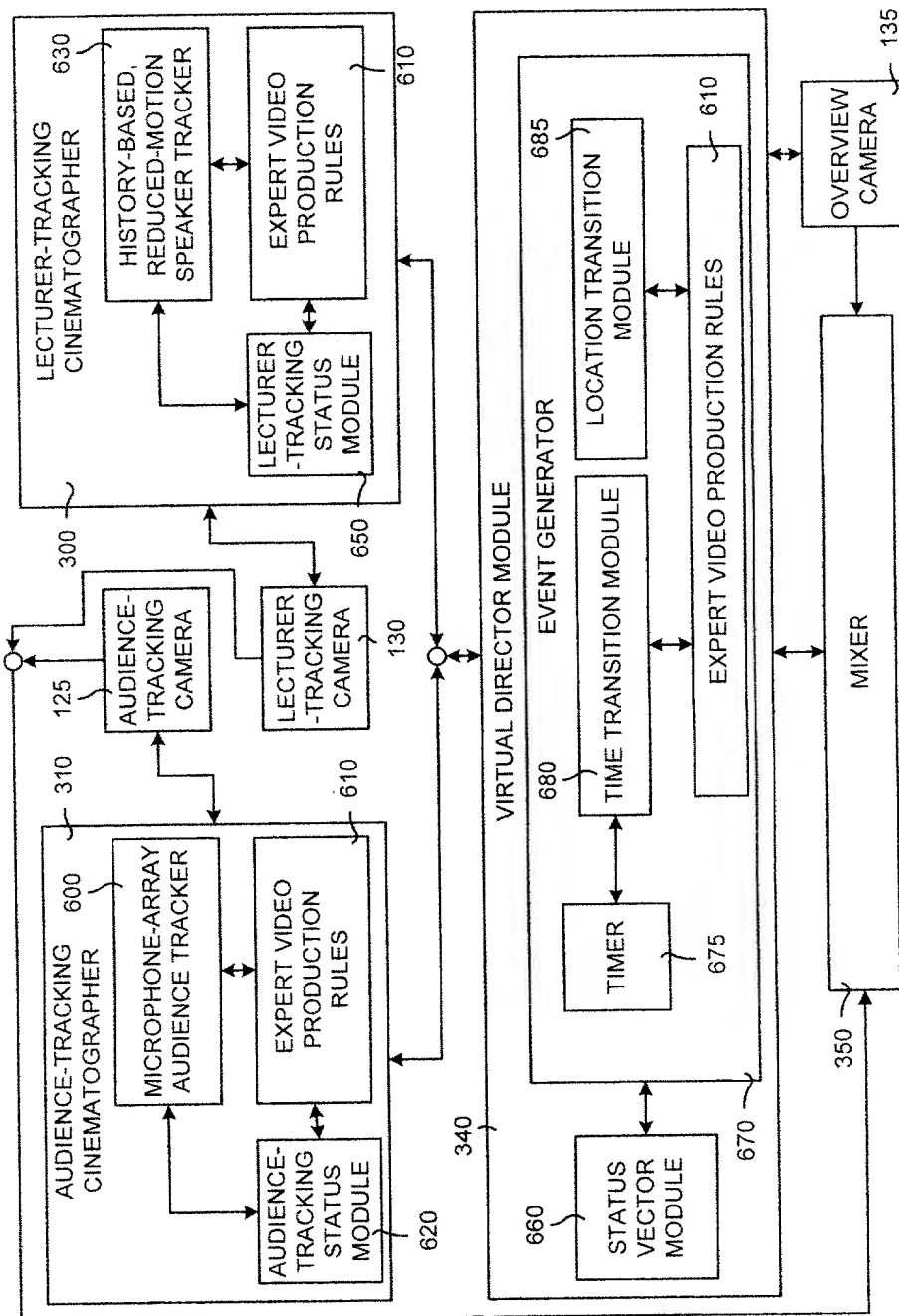


FIG. 6

FIG. 6 is a block diagram of a virtual director module system. The system includes an audience-tracking cinematographer (600) and a lecturer-tracking cinematographer (630). The audience-tracking cinematographer (600) includes a microphone-array audience tracker, an audience-tracking status module (620), and expert video production rules (610). The lecturer-tracking cinematographer (630) includes a history-based, reduced-motion speaker tracker, a lecturer-tracking status module (650), and expert video production rules (610). Both cinematographers feed into a virtual director module (340). The virtual director module (340) includes an event generator (680) and a status vector module (660). The event generator (680) includes a time transition module (680), a timer (675), a location transition module (685), and expert video production rules (610). The virtual director module (340) outputs to a mixer (350), which then feeds into an overview camera (135).

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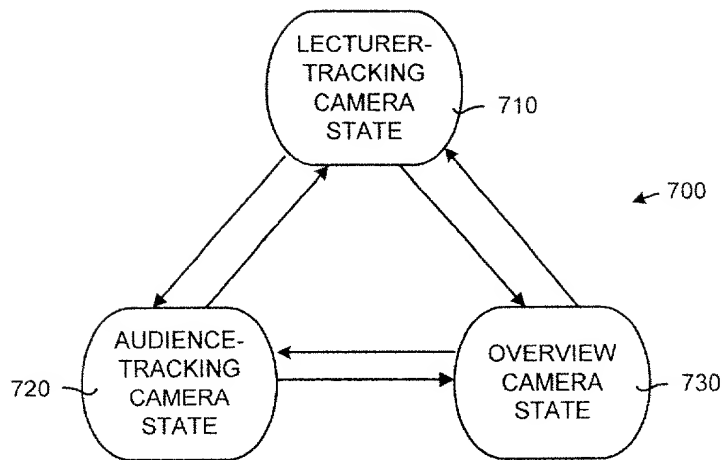


FIG. 7

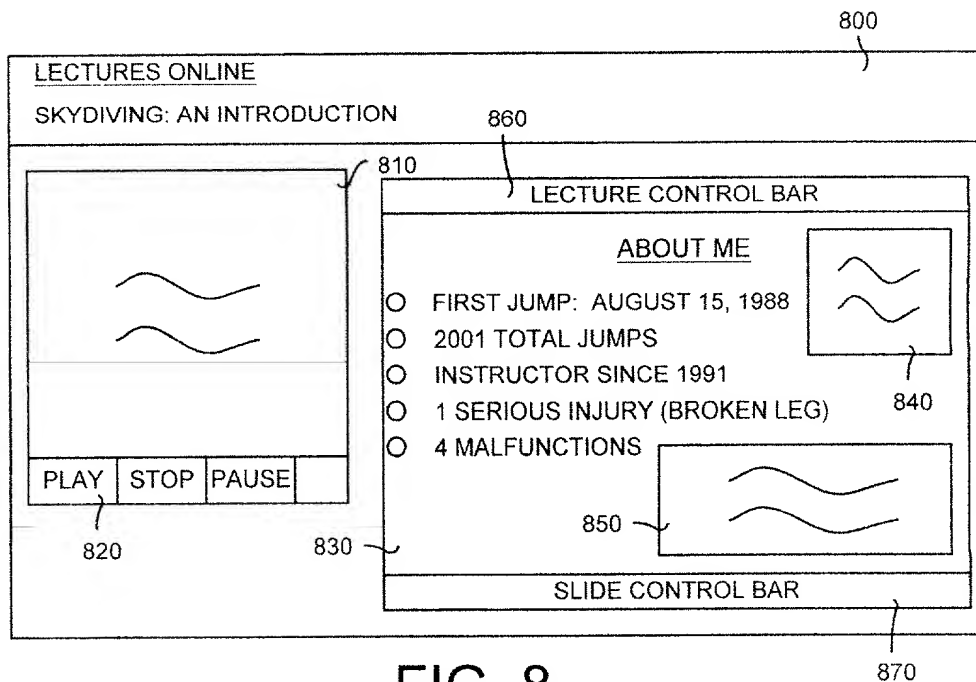


FIG. 8